

Name: _____ Obj (5.7): _____

Teacher: _____

Algebra Pd: _____

Day

Month

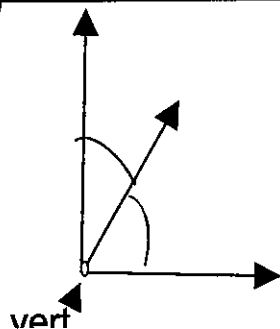
Year

Do Now:

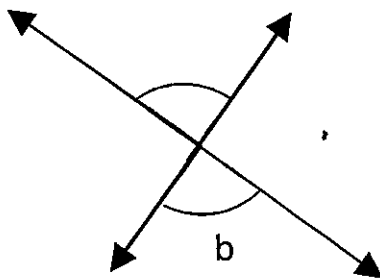
1. Do the segment lengths 13, 17, 4 make a triangle?	2. $4(9p - 12) + 4(-6 - 4p) = 8p - 12$

Notes: Adjacent + Vertical Angles

1. Two angles that share a common side and a common vertex, but do not overlap are Adjacent.



2. Vertical angles are the angles opposite each other when two lines cross. They are always equal.



Name : _____

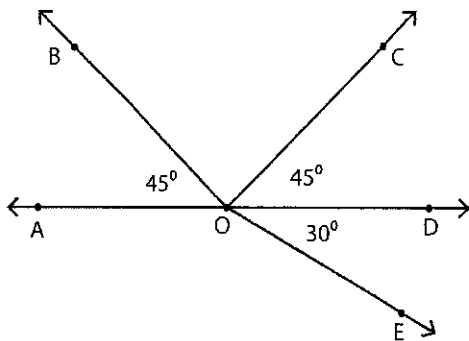
Score : _____

5.7 HW

Pairs of Angles

P1S1

1)



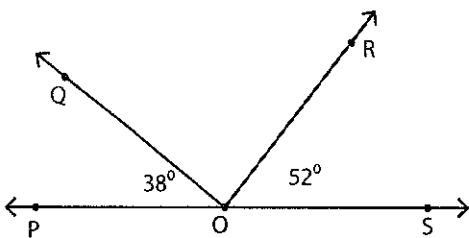
a) Name the complementary angles.

b) Write the supplementary angle to $\angle BOA$.

c) $\angle AOE$ and $\angle DOE$ are supplementary. Find $\angle AOE$.

d) Name the angles adjacent to $\angle BOC$.

2)



a) Name any one pair of adjacent angles.

b) Find $\angle QOR$.

c) Name the angle complement to $\angle ROS$.

d) Name an angle that forms a linear pair with $\angle POQ$.

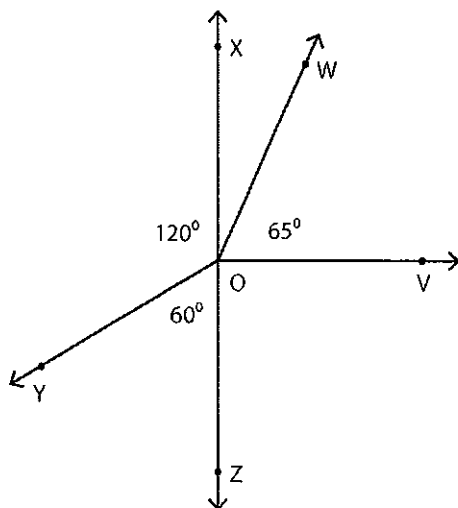
Name : _____

Score : _____

Pairs of Angles

P152

1)



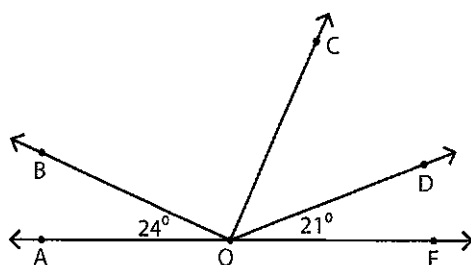
a) Name the angles adjacent to $\angle XOW$.

b) Name an angle supplement to $\angle YOZ$.

c) $\angle XOW$ and $\angle WOV$ are complementary. Find $\angle XOW$.

d) $\angle XOY$ and $\angle ZOY$ are supplementary. Find $\angle ZOY$.

2)



a) $\angle AOB$ and $\angle COE$ are complementary. Find $\angle COD$.

b) Name the angle adjacent to 21° .

c) Name an angle supplement to $\angle DOE$.

d) Find $\angle DOB$.
